

UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO. : 7,227,996 B2  
APPLICATION NO. : 10/057756  
DATED : June 5, 2007  
INVENTOR(S) : Kazuyuki Imagawa et al.

Page 1 of 2

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

On the Title page, in item (56), under "Other Publications", in column 2, line 4, delete "CA,;" and insert -- CA; --, therefor.

Column 12, line 27, after " $\ddot{y}_y$ " insert -- of --.

Column 16, line 9, delete " $(x, l, y + m)$ " and insert --  $(x + l, y + m)$  --, therefor.

Column 16, line 67, after "18(a)" insert -- . --.

Column 17, line 39, after " $T'y(x,y)$ " insert -- ) --.

Column 17, line 54, after " $(-x,y)$ " insert -- ) --.

Column 17, line 56, after " $(-x,y)$ " insert -- ) --.

Column 19, line 2, after "wherein" insert -- , --.

Column 20, line 9, delete "comers" and insert -- corners --, therefor.

Column 23, line 7, delete "filly" and insert -- fully --, therefor.

Column 25, line 54, in Claim 17, after "amount" delete ":" and insert -- ; --, therefor.

Column 27, line 5, in Claim 25, before "17," insert -- claim --.

Column 27, line 10, in Claim 26, before "17," insert -- claim --.

Column 27, line 17, in Claim 27, before "17," insert -- claim --.

Column 27, line 28, in Claim 28, before "17," insert -- claim --.

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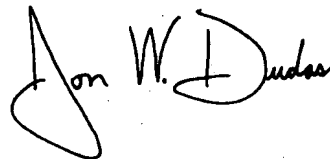
Page 2 of 2

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 28, line 17, in Claim 31, before "17," insert -- claim --.

Signed and Sealed this

Sixth Day of November, 2007

A handwritten signature in black ink, appearing to read "Jon W. Dudas". The signature is stylized with a large, looped initial "J" and a cursive "Dudas".

JON W. DUDAS  
*Director of the United States Patent and Trademark Office*